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### COMPLETE SPECIFICATION.

#### Improvements in Dose-indicators and Tumbler Covers.

I, Dr. JOHN P. WILSON, of 24 Academy Street, in the City of Poughkeepsie and State of New York, United States of America, Physician and Surgeon, do hereby declare the nature of my invention for "IMPROVEMENTS IN DOSE-INDICATORS AND TUMBLER COVERS," and in what manner the same is to be performed, to be particularly  
5 described and ascertained in and by the following statement:—

My invention relates to improvements in Dose-Indicators and Tumbler Covers, in which the index hand of the dial, or other suitable indicator, is provided with an upright raised pinion or knob; the lower face of the cover is provided with a flange to project downward within or without the rim of the tumbler and so keep it in place;  
10 and the center of the dial at the point where the index hand is pivoted is provided with an upright pair of spring flanges so shaped and adjusted as to clasp the handle of a spoon and hold it firmly when it is not in use, and at the same time to afford a convenient handle for removing the cover; and the objects of my improvement are, first, to provide a convenient way of moving the index hand without the need of  
15 rubbing the face of the dial with the nail; second, to prevent the cover from being knocked out of place or slipped aside, and to afford a complete protection from dust or any extraneous matter,—a protection not completely afforded by any indicator or tumbler cover now in use; third, to provide a secure and convenient rest for the spoon when not in use, by means of which it is kept free from the tarnishing caused by  
20 leaving it in strong medicine, and is also held with the bowl in a vertical position so that dust may not readily accumulate in the bowl of the spoon as it does when the spoon is laid upon the top of the tumbler in the ordinary way. I attain these objects by the devices illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing the improved cover in place on a tumbler,  
25 and the spoon clasped in its flange-clip or holder.

Figure 2 is an enlarged vertical, sectional, view of cover out through the line  $x-x$ .

Similar letters refer to similar parts throughout the views.

In the drawings, A represents the cover, and  $b$  its downward projecting flange;  
30 B, the tumbler; C, the spoon; D, the flange-clip or holder, and E, the base of the

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*Wilson's Improvements in Dose-indicators and Tumbler Covers.*

flange-clip or holder; *g*, the shoulder of the base of the clip about which the index hand revolves; *F*, the index hand or pointer, *a*, its upright projecting pinion or knob; and *f*, its circular portion which is pivoted on the shoulder, *g*, of the clip, *D*; and *G*, the screw or rivet which connects the cover with both the flange-clip and the index hand. 5

In making the tumbler cover I do not limit myself to any particular sort of material. Of metals, brass, may, perhaps, be found as desirable as any, but my device may also be constructed of white metal, porcelain, celluloid, or even hard pressed paper, or any similar substance.

On the upper surface of the cover, spaces may be marked off to the number of twelve to correspond with the hours on a clock dial, with as many subdivision marks between the hour-points as may be desired. But for this I make no claim for novelty, as I am aware that similar dials have before been used in tumbler covers for noting the time at which the next dose is to be given to the patient. It could as well be arranged to place the numerals in the half circle or to have them in a straight line across the top of the cover with an index hand working in a slot at the side of the figures. 10 15

The clip, *D*, may be made of the same material as the cover, or of a different material as may be best adapted to hold the spoon handle firmly in the spring with the bowl of the spoon in a vertical position. So, too, the index hand *F* and the screw or rivet *G*, may be made of the same, or of different material, as seems best. 20

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is:—

1. In a dose-indicator and tumbler cover, the top, *A*, provided with a dial face and a downward projecting flange, in combination with the index hand, *F*, provided with a raised pinion, *a*, and revolving on a central pivot, substantially as described. 25

2. In a dose-indicator and tumbler cover, the top, *A*, provided with a dial face and a centrally pivoted index hand or pointer, *F*, in combination with a vertical clip or spoon holder, *D*, fastened to the center of the cover, as by screw or rivet *G*, all substantially as described. 30

Dated this 20th day of December 1887.

JOHN P. WILSON.

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*Fig 1.*

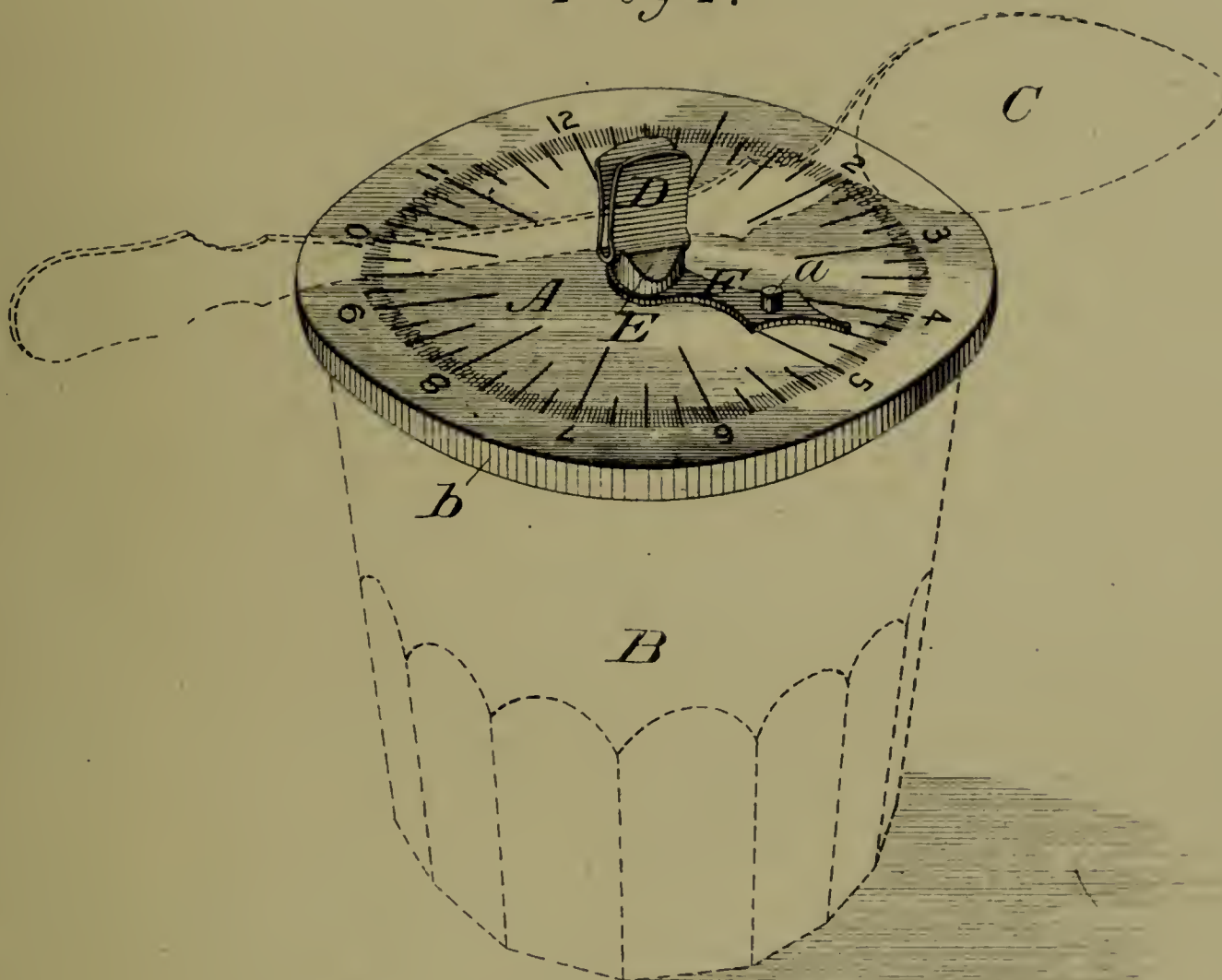
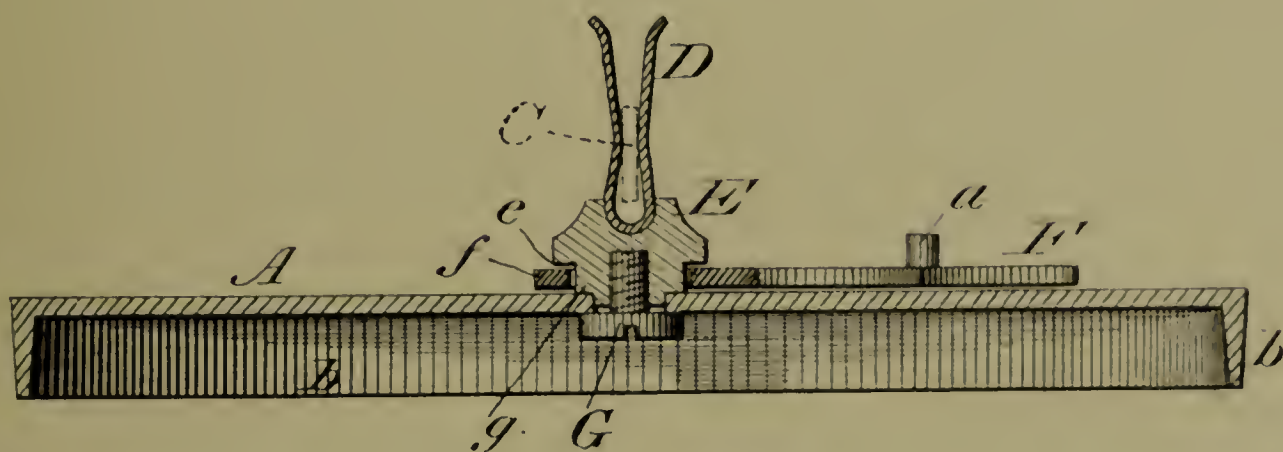


Fig 2.



[This Drawing is a reproduction of the Original on a reduced scale]

